



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/017,497	12/14/2001	Brian W. Baird	50001/83:2

CONFIRMATION NO. 5632

FORMALITIES LETTER



OC000000007716874

COPY OF PAPERS
ORIGINALLY FILED

Date Mailed: 03/26/2002



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

06/05/2002 SMHASS1 00000050 10017497

FILED UNDER 37 CFR 1.53(b)

01 FC:101	740.00 OF
02 FC:103	306.00 OF
03 FC:102	252.00 OF
04 FC:105	130.00 OF

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$558.
 - \$306 for 17 total claims over 20.
 - \$252 for 3 independent claims over 3.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1428.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Brian W. Baird, Michael J. Wolfe,
Richard S. Harris, Kevin P. Fahey,
Lian-Cheng Zou, and Thomas R. McNeil**



Application No. 10/017,497

Group Art Unit: 1732

Filed: December 14, 2001

For: **ULTRAVIOLET LASER ABLATIVE PATTERNING
OF MICROSTRUCTURES IN SEMICONDUCTORS**

Date: May 23, 2002

Examiner: To be assigned

COPY OF PAPERS
ORIGINALLY FILED

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ Notice to File Missing Parts of Nonprovisional Application, Filing Date Granted
- ☒ Combined Declaration and Power of Attorney for Patent Application
- ☒ Preliminary Amendment, with enclosed copies of FIGS. 3 and 4 with the changes shown in red ink, in addition to the replacement drawings
- ☒ Transmittal letter (in duplicate)
- ☒ Fee Transmittal (in duplicate)
- ☒ Return-receipt postcard
- ☒ Check for \$1,428.00 in payment of following fees:
 - ☒ \$ 740.00 - Basic filing fee
 - ☒ \$ 306.00 - 17 total claims over 20
 - ☒ \$ 252.00 - 3 independent claims over 3
 - ☒ \$ 130.00 - Surcharge for late filing of oath

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**Brian W. Baird, Michael J. Wolfe,
Richard S. Harris, Kevin P. Fahey,
Lian-Cheng Zou, and Thomas R. McNeil**

By: Michael L. Levine
Michael L. Levine
Registration No. 33,947

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 50001/83:2 USA

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 1428.00

Complete if Known

Application Number	10/017,497
Filing Date	12/14/2001
First Named Inventor	Brian W. Baird
Examiner Name	To be assigned
Group Art Unit	1732
Attorney Docket No.	50001/83:2 USA

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

19-4455

Deposit
Account
Name

Steel Rives LLP

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
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101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

Fee Paid

740.00

SUBTOTAL (1) (\$ 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
37	-20** = 17	18.00	306.00
6	-3** = 3	84.00	252.00

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$ Code (\$

Fee Description

103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 558.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

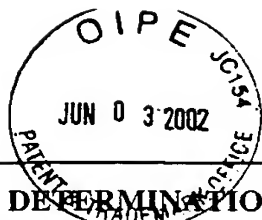
SUBTOTAL (3) (\$ 130.00

SUBMITTED BY

Name (Print/Type)	Michael L. Levine	Registration No. (Attorney/Agent)	33,947	Telephone	503-224-3380
Signature	Michael L. Levine	Date	05/23/2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number 50001/83:2	
CLAIMS AS FILED - PART I					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)				
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	
BASIC FEE (37 CFR 1.16(a))					\$ _____	
TOTAL CLAIMS (37 CFR 1.16(c))	37	minus 20 = *	17	x \$ _____ =		
INDEPENDENT CLAIMS (37 CFR 1.16(b))	6	minus 3 = *	3	x _____ =		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ _____ =		
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		
CLAIMS AS AMENDED - PART II					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	*	Minus **	=	x \$ _____ =	
	Independent (37 CFR 1.16(b))	*	Minus ***	=	x _____ =	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				x _____ =	
TOTAL ADDIT. FEE						
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	*	Minus **	=	x \$ _____ =	
	Independent (37 CFR 1.16(b))	*	Minus ***	=	x _____ =	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				x _____ =	
TOTAL ADDIT. FEE						
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	*	Minus **	=	x \$ _____ =	
	Independent (37 CFR 1.16(b))	*	Minus ***	=	x _____ =	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				x _____ =	
TOTAL ADDIT. FEE						
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.						

#3

Application No.: 10/017,497

Filed: December 14, 2001

Inventors: Brian W. Baird, Michael J. Wolfe,
Richard S. Harris, Kevin P. Fahey,
Lian-Cheng Zou, and Thomas R. McNeil

Title: ULTRAVIOLET LASER ABLATIVE PATTERNING
OF MICROSTRUCTURES IN SEMICONDUCTORS

Art Unit: 1732

Examiner: To be assigned

Attorney Docket No.: 50001/83:2 USA

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ORIGINALLY FILED

CERTIFICATE OF MAILING

Date of Deposit: May 23, 2002

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE UNITED STATES
POSTAL SERVICE AS FIRST CLASS MAIL IN
AN ENVELOPE ADDRESSED TO: BOX MISSING
PARTS, ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231

Lois M. Rosenblatt
Signature

Lois M. Rosenblatt
Typed or printed name of person
signing certificate

Attachments:

- ☒ Notice to File Missing Parts of Nonprovisional Application, Filing Date Granted
- ☒ Combined Declaration and Power of Attorney for Patent Application
- ☒ Preliminary Amendment, with enclosed copies of FIGS. 3 and 4 with the changes shown in red ink, in addition to the replacement drawings
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